

00000 1.151 |  
00056 7.730 |  
00345 5.664 |  
00063 5.670 |  
00654 5.670 |  
00345 6.040 |  
00455 6.544 |  
00066 6.670 |  
00040 6.894 |  
02034 5.660 |  
00455 5.554 |  
00455 6.664 |  
00554 4.434 |  
00543 3.320 |  
00234 5.664 |  
00543 3.564 |  
00245 6.770 |  
00345 6.550 |  
00035 6.664 |  
00567 7.774 |  
00765 4.334 |  
00345 6.780 |  
00756 7.784 |  
09865 4.360 |  
00245 6.794 |  
00766 5.444 |  
06654 3.334 |  
00034 5.670 |  
02345 6.774 |  
00554 4.454 |  
00234 5.560 |

**NCR OPTICAL SCANNING  
BRINGS PRACTICAL ELECTRONIC DATA PROCESSING  
TO ALL BUSINESSES AND PROFESSIONS!**

NCR Adding Machines print tapes in special  
optical type for low-cost input to computers.



# NCR Adding Machines print optical tapes for low-cost input to electronic data processing systems



NCR Optical Type is available on 10, 12, and 14-column models, with one or two totals, and other features.

**Simple    Economical    Accurate    Flexible**

*EASY TO USE*—There's no need for a specially trained operator, nor for any special forms. *Here's all you do in your office:*

1. Write the proper account number on each source document, such as check stubs, sales slips, purchase orders, cash receipts, fee slips, etc.
2. From these source documents, enter on the adding machine the date, account number and amount—plus or minus.
3. Mail your tapes to a Data Processing Center where they can be read electronically by an NCR 420 Optical Reader, which also automatically prepares this information for input to a high speed computer.

**NOW**, full keyboard NCR adding machines can print tapes, in special type, for low-cost input to electronic computer systems.

**NOW**, the advantages of electronic data processing are available to any size or type of business or profession—with a small investment in an NCR adding machine—plus a nominal charge for processing.

**NOW**, *your office can be relieved of the details of bookkeeping . . . yet you can get more information . . . and get it on time.*

# Electronic data processing relieves your office of bookkeeping details — yet provides you with more, up-to-date management information!

Here are some typical reports, available as a by-product of simply running tapes on an NCR adding machine, which prints figures in a special "Optical Type", for electronic processing.

These reports, available from Data Processing Centers having the NCR 420 Optical Reader, include: ACCOUNTS RECEIVABLE (including Statements and Aged Trial Balance)

- CASH DISBURSEMENTS • SALES ANALYSIS • INVENTORY CONTROL • JOB COST ANALYSIS • EXPENSE ANALYSIS • PURCHASES ANALYSIS • MANUFACTURING ANALYSIS • OTHER ANALYSIS JOBS.

STORE NO 123		CUSTOMER 2620769359		DATE 2/29		PAGE NO 1 (95-2)	
REGISTER REPORT		REGISTER NUMBER	COMPUTER TOTAL	CASH REPORT TOTAL	REGISTER DIFFERENCE	NUMBER OF ITEMS	
	1		2131.15	2131.15	.00	2100	
	2		517.60	517.60	.00	536	
	3		2411.62	2511.62	.00	2567	
	4		1873.63	1873.63	.00	1875	
	5		748.76	748.76	.00	465	
	6		1788.18	1788.18	.00	1300	
	7		159.86	159.86	.00	163	
	8		105.06	105.06	.00	97	
	9		51.31	51.31	.00	39	
	10		232.46	232.46	.00	189	
	11		122.81	122.81	.00	132	
	21		21.42CR	21.42CR	.00	20	
	TOTALS		10221.02	10221.02	.00	9483	
	ADDITIONAL DEPT. REGISTERS		DEPT	AMOUNT			
			940	81.76			
			970	65.57			
			920	431.46			
			930	45.92			
			910	21.83			
			977	21.83CR			
	TOTAL ADD. REGISTERS			624.71			

STORE 123		CUSTOMER #2620769359 NET SALES		DATE 2/29		(95-2) PAGE 2	
				THIS WEEK	MONTH TO DATE	YEAR TO DATE	
	651 INFANTS SLEEP AC		29.66	66.74	290.86		
	652 INFANTS UNDERGRT		28.55	69.61	300.45		
	653 INFANTS CAR APPL		210.59	249.59	750.99		
	654 INFANTS DRESSES		68.69	155.55	902.33		
	655 INFANTS SPORTSWR		63.83	134.34	444.99		
	656 DIAPERS		47.21	85.20	205.05		
	657 INFANTS TOYS-ETC		168.63	159.05	512.98		
	658		.00	.00	.00		
	TOTAL INFANTS		616.76	920.08	3411.65		
	721 SPORTING GOODS		210.29	714.12	1086.63		
	722		.00	.00	.00		
	763 RECORDS		302.56	1151.73	1286.63		
	764 BOOKS & CAROS		50.11	60.58	214.05		
	369 MISC ITEMS		37.25	40.91	84.38		
	977 UNALLOCATED SALE		20.77CR	17.05	328.95		
	TOTAL OWNED DEPTS		8025.71	24359.28	98756.61		
	LEASED DEPARTMENTS						
	910 HARWARE		395.43	1467.88	6431.54		
	920 COSMETICS		407.69	1137.32	5788.27		
	930 SHOES		211.27	790.54	4017.62		
	940 DOMESTICS		864.00	2161.47	1693.01		

## NCR 420 "READS" your optical tapes!

When your tapes are received at the processing center, the optically printed figures and symbols are electronically "read" by the NCR 420 Optical Reader, which automatically prepares this information for input to the computer.



ACCOUNT NO. 1234-56			SALES BY CUSTOMER			10/20/	(90-1)	PAGE 0002
DESCRIPTION	CUST #	PROD #	UNITS	CURRENT AMOUNT	UNITS	YEAR TO DATE AMOUNT		
ACME MFG COMPANY INC	1001	324	45	35.00	450	350.00		
		503	125	79.60	1250	798.00		
		580	10	7.31	101	73.10		
	1001 TOTAL		180	121.91	1801	1219.10		
BROWN AND MORROW CO.	2160	021		.00	42	30.00		
		200	B21	789.00	8210	7890.00		
		243	86	52.00	860	520.00		
	2160 TOTAL		907	841.00	9112	8440.00		
GRAND TOTAL			1087	962.91	10913	9659.10		

ACCOUNT NO. 1234-56			SALES BY TERRITORY			10/20/	(90-1)	PAGE 1010
DESCRIPTION	TERR #	PROD #	UNITS	CURRENT AMOUNT	UNITS	YEAR TO DATE AMOUNT		
JONES PAUL R	15	021		.00	42	30.00		
		200	B21	789.00	8210	7890.00		
		243	86	52.00	860	520.00		
	15 TOTAL		907	841.00	9112	8440.00		
KLINE EDWARD C	20	324	45	35.00	450	350.00		
		503	125	79.60	1250	798.00		
		580	10	7.31	101	73.10		
	20 TOTAL		180	121.91	1801	1219.10		
GRAND TOTAL			1087	962.91	10913	9659.10		

ACCOUNT NO. 1234-56			SALES BY PRODUCT			10/20/	(90-1)	PAGE 0001
DESCRIPTION	PRODUCT #	UNITS	CURRENT AMOUNT	UNITS	YEAR TO DATE AMOUNT			
	021		.00	42	30.00			
	200	B21	789.00	8210	7890.00			
	243	86	52.00	860	520.00			
	324	45	35.00	450	350.00			

INVENTORY REPORT - AS OF MAY/31/										PAGE NO. 1 (50-1)		
ITEM NUMBER	DESCRIPTION	OPENING BALANCE	CURRENT DISBURSED	RECEIVED	ON HAND	ON ORDER	PERIOD DISBURSED	TO DATE RECEIVED	AVERAGE PRICE	DOLLAR VALUE	% OF TOTAL	MINIMUM*
000000000010	C FRAMES	40		40			120	85	49.5000	1980.00	2.85	10
000000000020	CLUTCHING-A	2		2			2		21.2500	42.50	.06	1
000000000030	U2 CASTINGS	25		25			60	25	2.8500	71.25	.10	30
000000000040	165-4102	150		150			10		1.0000	150.00	.22	55
000000000050	PART 14A	160		160			25	30	10.5500	1688.00	2.43	56
000000000060	PART 113E	1005		1005			2500	2000	.0500	50.25	.07	1010*

CONTRACT # 1009900			ACME INDUSTRIES, INC.			APR/26/	
*HOLD BILL			ACCOUNTS RECEIVABLE AND AGE ANALYSIS			PAGE 1 (20-3)	
ACCOUNT NUMBER	CUSTOMER NAME	PHONE NUMBER	CURRENT CHARGES	CURRENT CREDITS	BALANCE DUE	AGE ANALYSIS OF BALANCE	MOS. SINCE LAST PAY.
10	BILLING NAME (201)	111-1111	25.00	70.00	85.00	25.00	30.00 15.00 15.00
20	JOHN ADAMS		5.00				
30	CHARLES BAKER		10.00				
40	MARK COOPER		20.00				
60	RONALD EVANS		5.00				
70	TONY FINN		35.00				
80	GEORGE GARTH	333-3333	55.00	35.00	5.00CR	35.00	
120	STEPHEN R KELLY		50.00	20.00	50.00	50.00	
140	DOROTHY MC COY		10.00				
150	CON NEAL		10.00	18.00	8.00CR	8.00CR	
160	LINDA OWENS	666-6666	30.00	15.00	25.00	15.00	
170	STEVEN PERRY		30.00	15.00			
190	THOMAS MC DANIEL		10.00				
210	ALICE THOMAS	888-8888	5.00				
230	JOE UNDERWOOD		10.00				
240	HENRY WALTERS		5.00				
250	RAY YARD	999-9999	5.00	5.00			
260	DOUGLAS ZIMMERMAN		20.00	20.00			
	TOTAL		205.00	288.00	172.00	102.00	

STATEMENT  
2401 COMMERCIAL AVE.  
EVANSTVILLE, CALIF.  
ACME INDUSTRIES, INC.  
(20-3)

STEPHEN R KELLY  
284 LUCAS DR  
CENTERTOWN, OREGON  
120

APR. 30,

PLEASE DETACH AND RETURN WITH REMITTANCE				
DATE	DESCRIPTION OF SERVICE	CHARGES	CREDITS	COST
APR. 7	12344 BALANCE FORWARD	20.00		
APR. 7	12344	15.00		
APR. 10	12351			
APR. 10	12351	20.00	5.00	
APR. 15	12354			
APR. 15	12354	15.00	5.00	
				10.00

ACCOUNT # 120 RECEIVED AND MAILED APRIL 30, 1968  
THIS REPORT WAS COMPILED, EDITED AND PRINTED AT ONE OF THE NCR DATA PROCESSING CENTERS

PAY THIS AMOUNT  
50.00

## Some of the advantages of NCR optical printing and electronic data processing

Small investment in equipment. (Little more than a standard adding machine).

Optically printed tapes provide low-cost computer input.

Provides more, up-to-date information . . . in time for practical management decisions.

Eliminates tedious hand posting.

Eliminates duplication of work necessary in manual systems.

Eliminates heading up statements, and other work related to their monthly preparation and mailing. You get a duplicate of all statements for reference and control purposes.

Assures accuracy. Optically printed tapes can be visually checked . . . before being electronically read and processed.

Accuracy of account numbers, stock numbers, etc., is also automatically verified by the computer.

All statements and reports are neat, machine-printed, accurate.

No special operator training needed. No special forms. No installation problems.

Two machines in one . . . Adding Machine and Optical Tape Printer.

**Now you can have the advantages of electronic data processing without investing in skilled technicians and costly equipment!**

## NCR offers choice of machines to create input media for electronic data processing

ADDING MACHINES  
CASH REGISTERS  
BOOKKEEPING MACHINES  
ACCOUNTING MACHINES

### Engineered to meet your specific needs

There are models to fit the needs of every size and type of business and profession. *These machines can be built to produce media for Electronic Data Processing . . . in any one of three ways:*

1. Print desired information in optical type as explained in this folder.
2. Punch desired information into tapes.
3. Punch desired information directly into cards.



### two machines in one

All of these NCR products do their conventional jobs—and also automatically produce data processing media as a by-product.

for information — call:

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NCR PROVIDES TOTAL SYSTEMS — FROM ORIGINAL ENTRY TO FINAL REPORT —  
THROUGH ACCOUNTING MACHINES, CASH REGISTERS OR ADDING MACHINES, AND DATA PROCESSING  
The National Cash Register Co. • 1,133 offices in 120 countries • 79 years of helping business save money

**NCR**